

What Is Claimed Is:

1. A device for impact sensing, having a first acceleration sensor mechanism (14, 20, 21) situated on the bumper (10, 11, 12),  
wherein the first acceleration sensor mechanism (14) is situated between the bumper (12) and a bumper fascia (10).
2. The device as recited in Claim 1,  
wherein the first acceleration sensor mechanism (14, 20, 21) has two acceleration sensors, each having an offset to the center of the vehicle.
3. The device as recited in Claim 1 or 2,  
wherein at least one additional sensor mechanism (13) is situated on the bumper (10 to 12).
4. The device as recited in Claim 3,  
wherein the at least one additional sensor mechanism has a piezo cable and/or an environmental sensor mechanism.
5. The device as recited in one of the preceding claims,  
wherein the first acceleration sensor mechanism (13) is configured so as to acquire acceleration in the vertical direction of the vehicle.
6. The device as recited in one of the preceding claims,  
wherein the device is connected to a control apparatus (24) for controlling equipment for protecting persons in such a way that the equipment for protecting persons is controlled as a function of a first signal of the first acceleration sensor mechanism (20, 21) and a second

signal (23), the second signal being an inherent speed or a relative speed.

7. The device as recited in one of the preceding claims, wherein a second acceleration sensor mechanism is situated centrally in the control apparatus (24).